Claims

1. Tempering device (1) for objects (2) on the object carrier (3) of a microtome (4) in a cryostat (5), comprising an operating means supply (6) to a cooling means or to a cooling and heating means (7) disposed on the object carrier (3), and with a temperature control, characterized in that the operating means supply (6) is displaceably positioned in a guidance (12) which is disposed on the guiding carriage (8) for the supply (9) and cutting movement (10) of the object head (11) and is oriented parallel to the direction of supply (9) in such a way that it can be guided away from the object head (11).

2. Tempering device according to claim 1, characterized in that the operating means supply (6) is guided away from the lower side of the cooling or cooling and heating means (7).

3. Tempering device according to claim 1 or 2, characterized in that the operating means supply (6) consists of a liquid supply (13), a liquid discharge (14), and at least one cable connection (15).

4. Tempering device according to claim 1, 2 or 3, characterized in that the guidance (12) consists of at least one tube (17) which is guided via three line guides (18, 18',18'').

5. Tempering device according to claim 4, characterized in that the inside of the at least one tube (17) serves as an operating means supply (6).

6. Tempering device according to any one of the claims 1 through 5, characterized in that the guidance (12) consists of three individual guidances (12', 12",12"') wherein two are provided for the liquid supply (13) and discharge (14), and one for at least one cable connection (15).

7. Tempering device according to claim 4, 5 or 6, characterized in that the tube (17) consists of metal and the line guides (18, 18', 18") are formed by a plastic material.

8. Tempering device according to any one of the claims 1 through 7, characterized in that the operating means supply (6) comprises at least one elastic arc (16) between the cooling or cooling and heating means (7) and the guidance (12) which permits orientation of the object carrier (3) through pivoting same relative to the guiding part (8).

9. Tempering device according to any one of the claims 1 through 8, characterized in that the operating means supply (6) exits the guidance (12) on the rear side (19) of the guiding carriage (8) and is guided to a holder (20) on the inner wall (21) of the cryostat (5) through a large elastic arc (19,19',19").

10. Tempering device according to claim 9, characterized in that at least one coupling (22) is provided through which the operating means supply (6), which extends in the cryostat chamber (26), can be separated.

11. Tempering device according to any one of the claims 1 through 10, characterized in that a cooling means (7) is provided which is designed as an evaporator.

12. Tempering device according to any one of the claims 1 through 10, characterized in that a cooling or cooling and heating device (7) is provided which is designed as heat exchanger (23).

13. Tempering device according to any one of the claims 1 through 12, characterized in that the cooling or cooling and heating device (7) comprises at least one Peltier element (24).

14. Tempering device according to claims 12 and 13, characterized in that the Peltier element (24) is added to the object carrier (3) to discharge heat or cold and the heat exchanger (23) is provided on the Peltier element (24) to discharge heat.